

set forth in parts 20 and 21 of this chapter.

(26 U.S.C. 5178, 5241)

**§ 19.382 Formulas.**

(a) *Approved formulas.* A proprietor must denature spirits according to an approved formula listed in part 21 of this chapter.

(b) *Alternate formulas and denaturants.* If a proprietor wishes to denature spirits by using an alternative formula or a different denaturant, the proprietor must apply to TTB for authorization. A proprietor must receive written approval from the appropriate TTB officer before denaturing spirits using an alternative formula or a different denaturant. See also §§21.5 and 21.91 of this chapter for additional requirements that apply in these circumstances.

(26 U.S.C. 5241)

RULES FOR DENATURING SPIRITS AND TESTING DENATURANTS

**§ 19.383 Gauging for denaturation.**

(a) *General.* A proprietor must gauge spirits before denaturation and after denaturation and must record each gauge in the record of denaturation required by §19.606(b). However, a proprietor is not required to gauge either spirits that are dumped from previously gauged containers or spirits that are transferred directly to mixing tanks from gauge tanks where they were gauged. Measurements of spirits and denaturants may be made by volume, weight, accurate mass flow meter, or by any other device that has been approved by the appropriate TTB officer.

(b) *Denaturation and article manufacture in a single process.* When a proprietor both denatures spirits and manufactures articles in a single, unified process, the proprietor may, in place of the procedure specified in paragraph (a) of this section, gauge the spirits before and after denaturation in the following manner:

(1) Gauge the spirits to be denatured by volume, weight, accurate mass flow meter, or other device or method approved by the appropriate TTB officer;

(2) Gauge the denaturants to be used by volume, weight, accurate mass flow

meter, or other device approved by the appropriate TTB officer; and

(3) Compute the number of wine gallons of denatured spirits produced, and enter this figure in the record required by §19.606(b). In calculating the amount of denatured spirits produced, the proprietor must not include in the calculation the amount of additional chemicals or denaturants used for article manufacture.

(26 U.S.C. 5204, 5241)

**§ 19.384 Adding denaturants to spirits.**

(a) When making denatured spirits, a proprietor must mix the denaturants and spirits only in packages, tanks or bulk conveyances and only on bonded premises. A proprietor must thoroughly mix the denaturants with the spirits to ensure that all of the spirits are effectively denatured.

(b) If a proprietor wishes to use another method of mixing denaturants and spirits not prescribed in this subpart, the proprietor must submit to the appropriate TTB officer a written application for approval of the alternative method in accordance with §19.27. TTB may require that the proprietor submit additional information, including a flow diagram or other graphic representation of the alternative method, in support of the application.

(26 U.S.C. 5242)

**§ 19.385 Making alcohol or water solutions of denaturants.**

If a proprietor uses a denaturant that is difficult to dissolve in spirits at normal working temperatures, that is highly volatile, or that becomes solid at normal working temperature, the proprietor may liquefy or dissolve the denaturant in a small amount of spirits or water prior to its use in the production of denatured spirits. However, the proof of the denatured spirits produced must not fall below the proof required by the approved formula. In addition, if alcohol is used as a solvent, the proprietor must include this additional alcohol in calculating the total quantity of spirits denatured in the batch.

(26 U.S.C. 5242)